

523,879

Rec'd PCT/PTO 07 FEB 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
11 March 2004 (11.03.2004)

PCT

(10) International Publication Number
WO 2004/021232 A1

(51) International Patent Classification⁷: **G06F 17/60**,
H04Q 7/22

(21) International Application Number:
PCT/EP2003/009734

(22) International Filing Date: 29 August 2003 (29.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/407,778 30 August 2002 (30.08.2002) US

(71) Applicant (for all designated States except US): **KONINKLIJKE KPN N.V.** [NL/NL]; 7 Stationsplein, NL-9726 Ae Groningen (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KOCK, Martijn, Willem, Maria** [NL/NL]; Beethovenstraat 178/1, NL-1077 JX Amsterdam (NL). **GROTEN, Dirk** [NL/NL]; Oosterstraat 4, NL-2315 Lg Leiden (NL).

(74) Agent: **WUYTS, Koenraad, Maria**; Koninklijke KPN N.V., P.O. Box 95321, NL-2509 CH The Hague (NL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

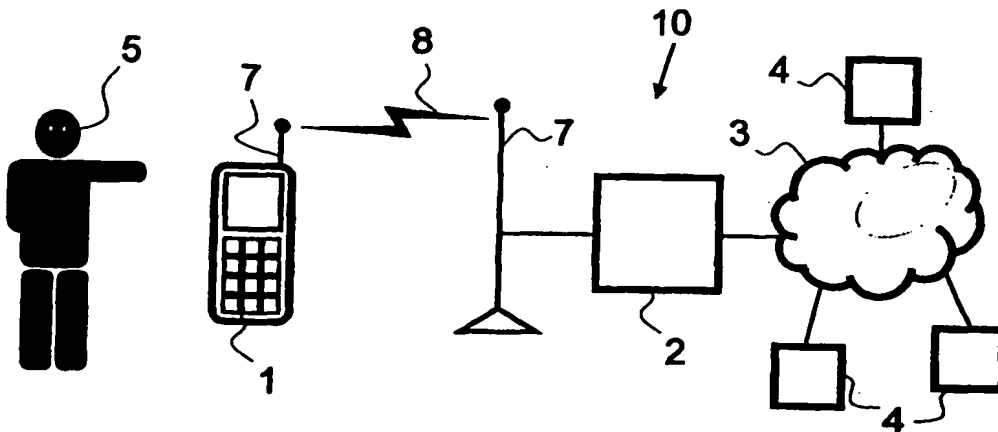
— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND SYSTEM FOR THE PHASED RETRIEVAL OF DATA



(57) Abstract: In a method of retrieving electronic messages the server (2) sends the header and the first N text characters of the message body to the terminal device (1), while holding back any remaining text and any attachments. The server also sends a first flag indicative of any remaining text characters and a second flag indicative of any attachments to the terminal device. The user (5) of the terminal device can then decide to retrieve more text characters and/or any attachments. This phased message retrieval avoids downloading oversized messages and thus saves bandwidth. The terminal device (1) may be a handheld device, for example a mobile telephone or a PDA.

WO 2004/021232 A1